

Title (en)

CHARGING CIRCUIT FOR CHARGER, CHARGING CIRCUIT FOR MOBILE TERMINAL, CHARGER, AND MOBILE TERMINAL

Title (de)

LADESCHALTUNG FÜR LADEGERÄT, LADESCHALTUNG FÜR EIN MOBILES ENDGERÄT, LADEVORRICHTUNG UND MOBILES ENDGERÄT

Title (fr)

CIRCUIT DE CHARGE POUR CHARGEUR, CIRCUIT DE CHARGE POUR TERMINAL MOBILE, CHARGEUR ET TERMINAL MOBILE

Publication

**EP 3467992 A4 20200212 (EN)**

Application

**EP 17842714 A 20170712**

Priority

- CN 201610703744 A 20160822
- CN 2017092551 W 20170712

Abstract (en)

[origin: EP3467992A1] The present disclosure provides a charger charging circuit, a mobile terminal charging circuit, a charger and a mobile terminal. The charger charging circuit includes: a voltage conversion circuit configured to convert an alternating current into a direct current and be connected with an alternating current charging power supply; a first charging interface configured to be connected with a second charging interface of a mobile terminal, where the first charging interface includes a voltage output end coupled with the voltage conversion circuit and a plurality of first data transmission ends; and a first control circuit. An end of the first control circuit is coupled with the voltage conversion circuit; and another end of the first control circuit is coupled with at least one of the first data transmission ends.

IPC 8 full level

**H02J 7/04** (2006.01)

CPC (source: CN EP US)

**H02J 7/0013** (2013.01 - US); **H02J 7/00714** (2020.01 - EP US); **H02J 7/02** (2013.01 - US); **H02J 7/04** (2013.01 - EP US); **H02J 7/045** (2023.08 - CN); **H02J 7/00** (2013.01 - US); **H02J 7/00034** (2020.01 - EP US); **H02J 2207/20** (2020.01 - EP US); **H02J 2207/30** (2020.01 - EP US)

Citation (search report)

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- [X] US 2015002079 A1 20150101 - JEONG CHANG-HOON [KR], et al
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- [X] WO 2015113336 A1 20150806 - GUANGDONG OPPO MOBILE TELECOMM [CN]
- [X] EP 2854253 A1 20150401 - XIAOMI INC [CN]
- [X] CN 205193796 U 20160427 - WUXI ZGMICRO ELECTRONIC CO LTD & EP 3101754 A1 20161207 - GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD [CN]
- See references of WO 2018036291A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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